FIGURE 1

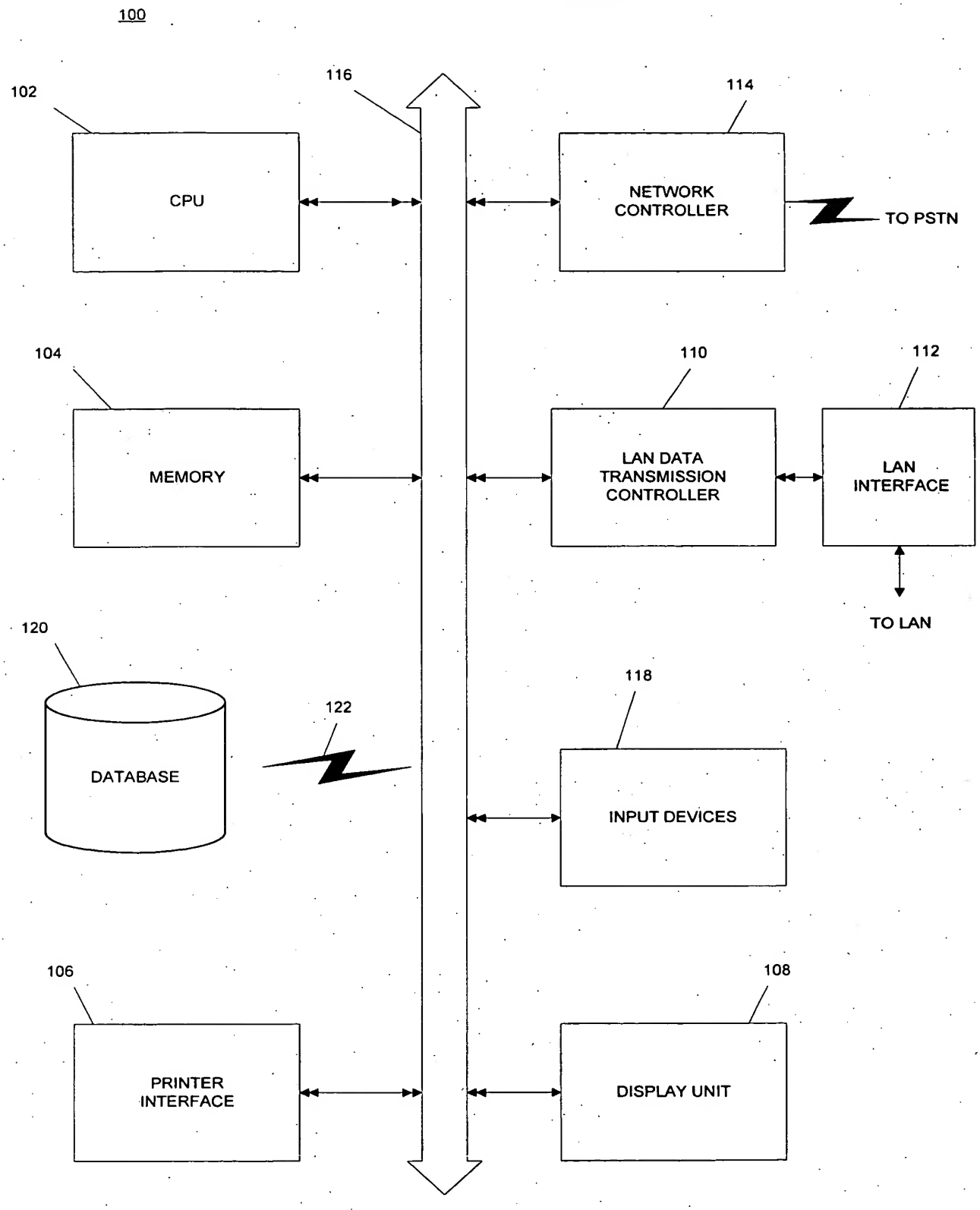

100
102
CPU
116
114
NETWORK CONTROLLER
TO PSTN
104
MEMORY
110
LAN DATA TRANSMISSION CONTROLLER
112
LAN INTERFACE
TO LAN
120
DATABASE
122
118
INPUT DEVICES
106
PRINTER INTERFACE
108
DISPLAY UNIT

FIGURE 2

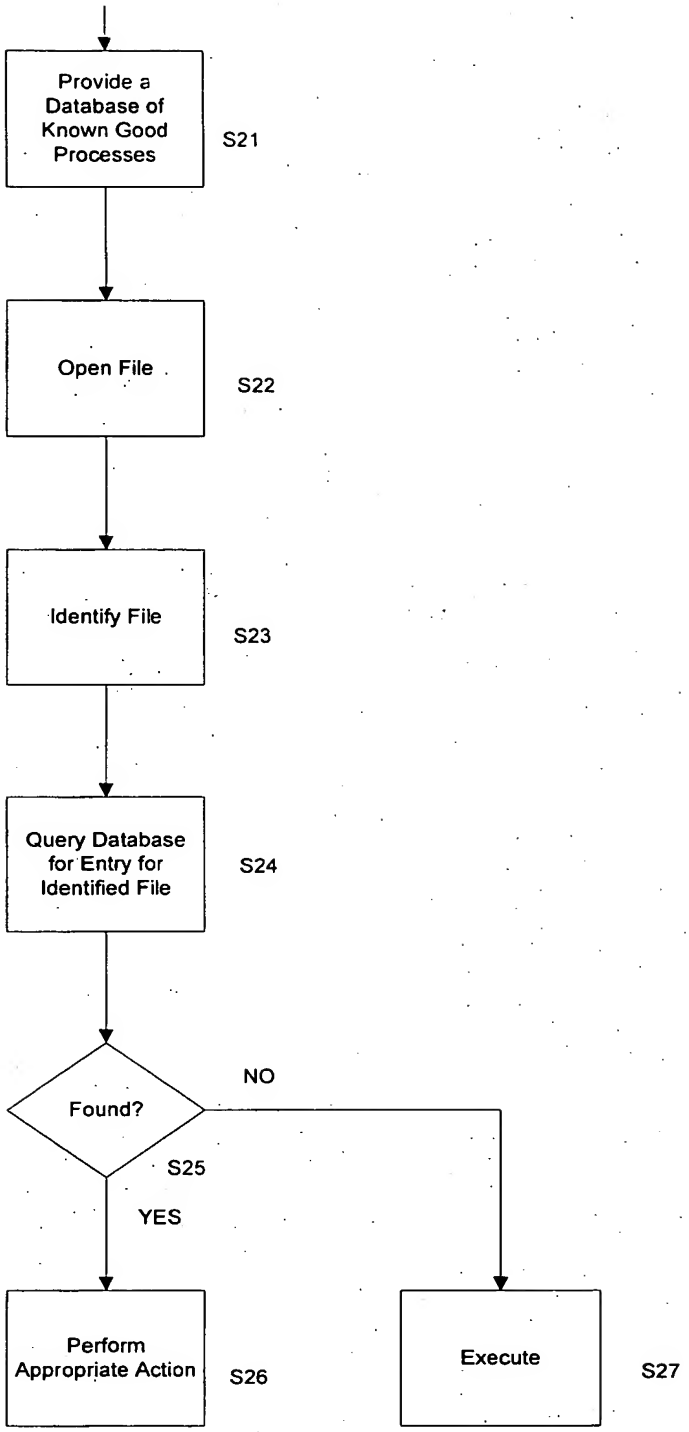

Provide a Database of Known Good Processes
S21
Open File
S22
Identify File
S23
Query Database for Entry for Identified File
S24
Found?
NO
S25
YES
Perform Appropriate Action
S26
Execute
S27

FIGURE 3A

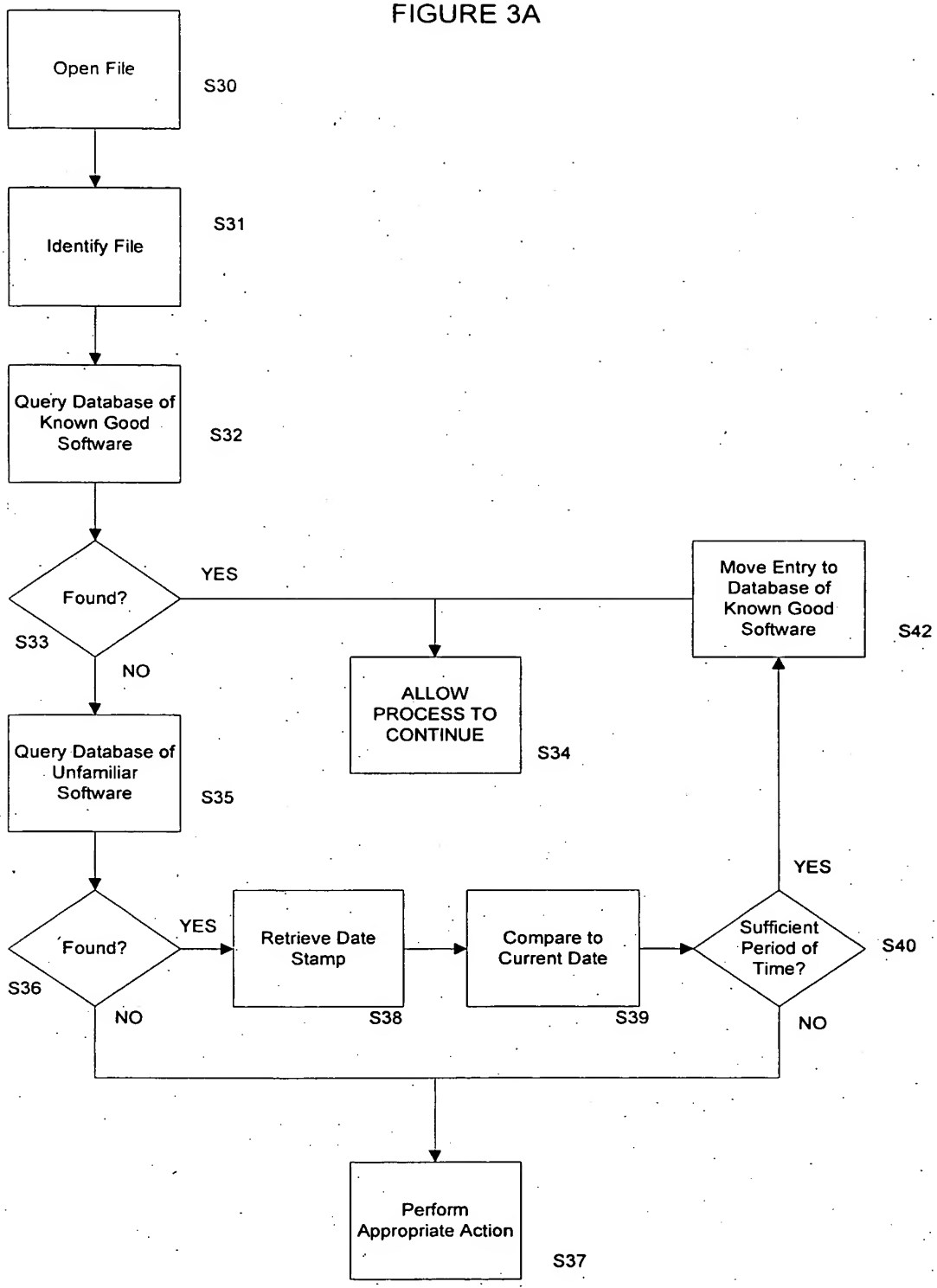

Open File
S30
Identify File
S31
Query Database of Known Good Software
S32
Found?
S33
YES
NO
Move Entry to Database of Known Good Software
S42
ALLOW PROCESS TO CONTINUE
S34
Query Database of Unfamiliar Software
S35
Found?
S36
YES
NO
Retrieve Date Stamp
S38
Compare to Current Date
S39
Sufficient Period of Time?
S40
YES
NO
Perform Appropriate Action
S37

Figure 3B

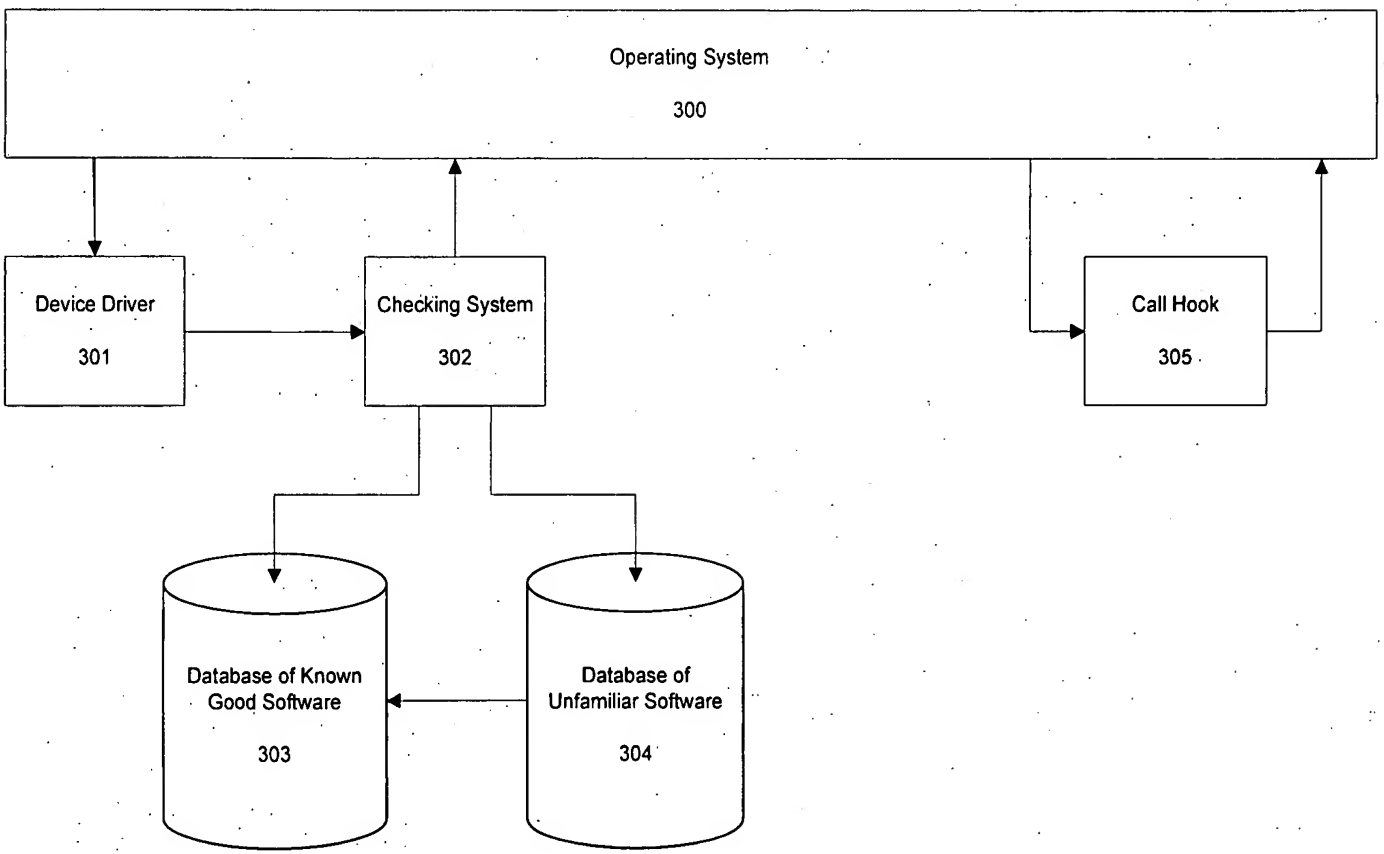
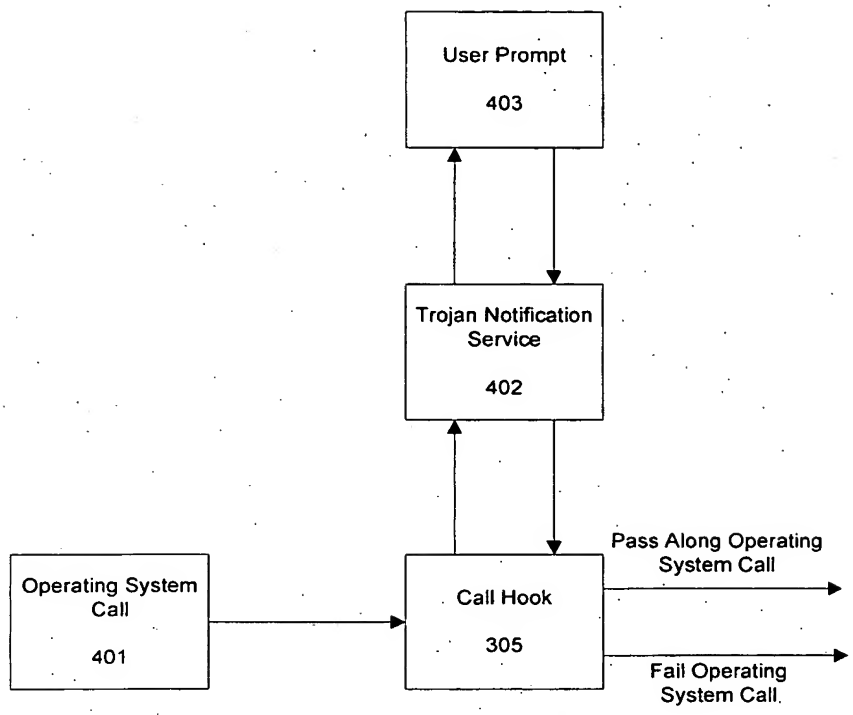

Operating System
300
Device Driver
301
Checking System
302
Call Hook
305
Database of Known Good Software
303
Database of Unfamiliar Software
304

Figure 4


User Prompt
403
Trojan Notification Service
402
Operating System Call
401
Call Hook
305
Pass Along Operating System Call
Fail Operating System Call